

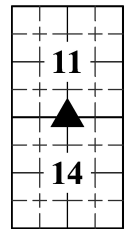
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: 6N5W_J19

Quarter Corner

Sections 11 & 14 - T06N – R05W, 2nd P.M.

Taylor Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with an illegible orange cap found 5" below grade in Harvest Church Road.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location.

The rebar was found approximately 1-foot north of the as-built centerline of Harvest Church Road (a 17-foot wide asphalt road) and approximately in line with wire fence heading north.

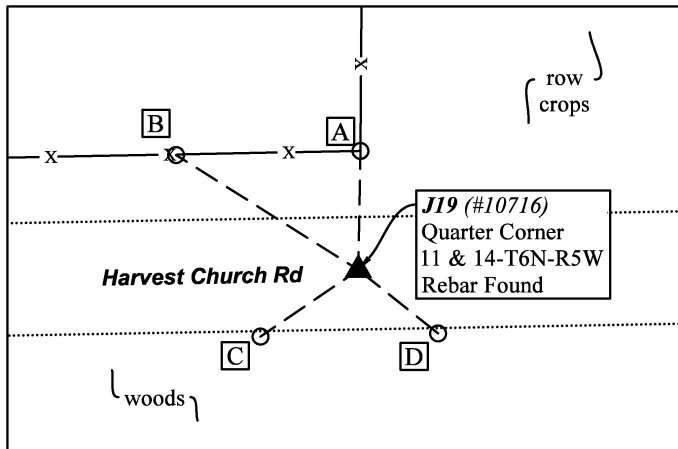
GEODETIC COORDINATES: (OSM #10716)

Northing	Easting	Datum	Datum Details
304490.00	835259.68	InGCS Greene Zone	US Survey Feet, NAD 83 (2011) epoch 2010.00,
1352510.36	2995868.04	NAD83(2011) IN West Zone	NAVD 88, geoid18_conus.db3

WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 1° E	18.0'	2" mag nail and 1-1/2" orange plastic disc set 6" above grade on the east side of a 7" wood corner post with a Greene County Survey Marker sign set on the south side of the post 4.25 feet above grade
B	N 58° W	32.6'	2" mag nail and 1-1/2" orange plastic disc set 5" above grade on the south side of a 5" wood post
C	S 55°44'13" W	17.91'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" set flush on the south side of pavement (located with RTK)
D	S 51°28'33" E	15.42'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" set flush on the south side of pavement (located with RTK)

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image.



CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Greene County Surveyor F.B. Cressy set a stone at this corner in 1851. No attempt was made to find the stone because the corner falls in the asphalt of Harvest Church Road. The measured distance from the rebar is 2.3 feet short of the record 1851 distance to the stone found at K19 and 21.94 feet short of the record 1855 distance to the nail found at L21. The rebar was set by Elliott Sturgeon in 2000 at the intersection of the centerline of the county road with a fenceline to the north. Subsequent surveyors have consistently accepted Sturgeon's rebar and we accepted it as the corner by common report.

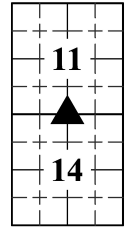
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EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811 By: Arthur Henrie

Where filed or recorded: F_EV05P467

Original monument: Wooden Post

Bearing Trees	Bearing	Distance
10" gum	N 86 E	49 lks = 32.34 ft
7" dogwood	S 63 W	11 lks = 7.26 ft

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 03/12/1851 By: Cressy, F.B.

Where filed or recorded: LSB1, pg 233

Monument: Set a stone

Bearing Trees	Bearing	Distance
None noted		

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
06/18/1847	Cressy, F.B.	Legal Survey in Section 11	LSB1, pg 166
03/02/1855	Burr, P	Legal Surveys in Section 2, 11, 13, & 14	LSB3, pg 30
09/18/1994	Boyd, Frederick	Survey of 15.26 acres in Sec. 14 (<i>iron spike found in c/l</i>)	1994-4893
09/17/2000	Sturgeon, Elliott	Survey for Paddock in Sec.11 (<i>5/8" rebar with cap marked "Sturgeon 80040264" set flush at intersection of county road centerline with fence line headed north</i>)	2000-4841
08/08/2005	Campbell, Steven	Survey for Bush in Section 11 (<i>Sturgeon rebar</i>)	2005-4317
12/02/2013	James, Marty	Bloomfield School Athletic Facility Survey in Sec. 13 & Sec.14 (<i>5/8" rebar with Sturgeon cap found</i>)	2014-2262
01/03/2017	Gwinn, Jess	Small Boundary Survey in Section 11 (<i>5/8" rebar with plastic cap stamped "Sturgeon LS 80040264" found</i>)	2017-1948
12/01/2022	Conley, Michael	Route Survey Des.No. 2000862 (<i>5/8" rebar with cap found</i>)	2022-5199

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the stone set in 1851, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 21.94 feet.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED:



Photo Orientation & Description: Looking west at J19



Photo Orientation & Description: Looking north at J19

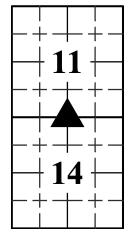
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FIELD PERSONNEL:

Field Date: 06/09/2023 By: Rachel Oser and Phillip Oser Project: Oser Surveying & Mapping LLC Job# 10248
Corner Perpetuation Survey for Taylor Township Sections 2, 11, 14 & 23, Township 6 North, Range 5 West

BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. Most distances to witness ties are ground and were measured with a 100' steel tape from the monument to the mag nail. When it was not practical to set a mag nail or hack a tree, bearings and distances were measured to the center of the BT. Distances approaching or in excess of 100 feet were measured by locating the reference object with RTK. Bearings are grid and were measured with the internal compass of the Javad Triumph LS rover from the monument to the center of the BT. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

CERTIFICATION:

Rachel Oser
Indiana Professional Surveyor 21100022
Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
(812) 320-2694 • Rachel@OserSurveying.com

Date: 10/31/2023



This document is not complete without the associated plat and report of even date.